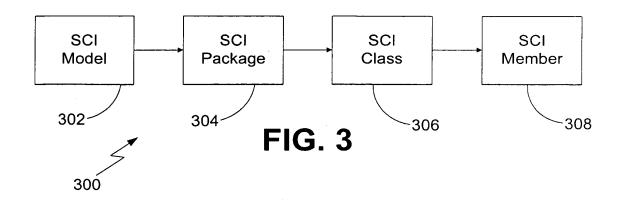


FIG. 2

♦



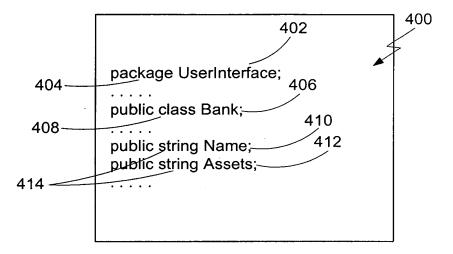
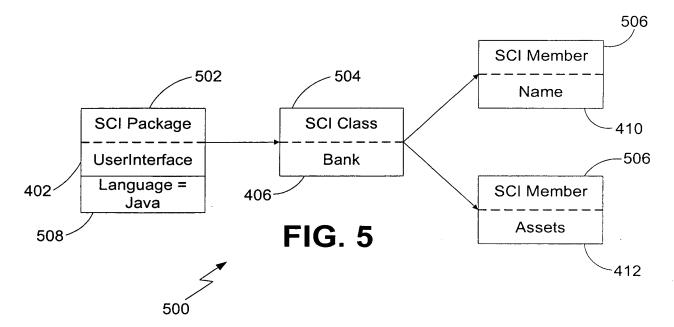


FIG. 4



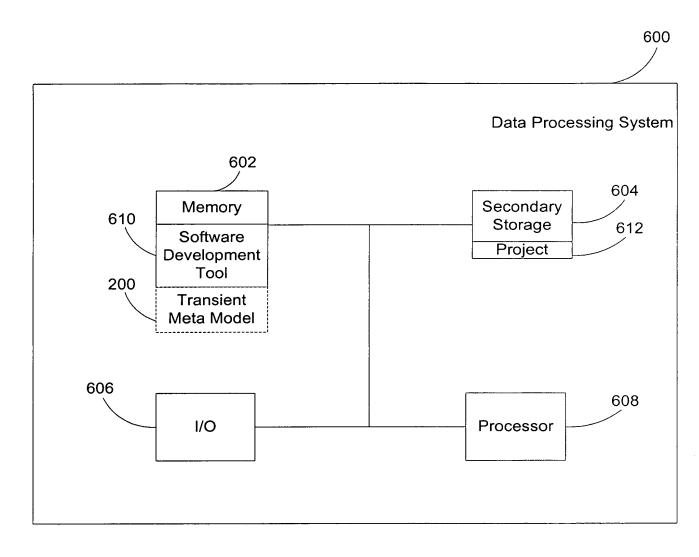


FIG. 6

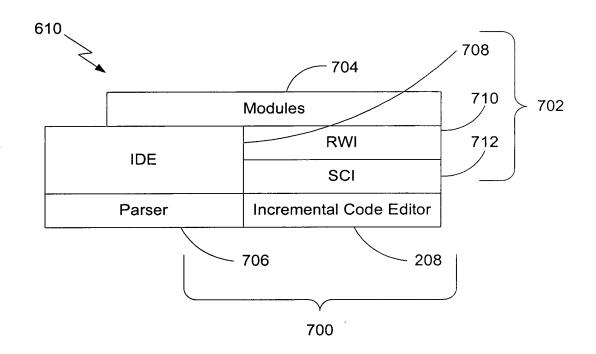


FIG. 7

QA Audit	1.65 April 100 September 1	- a			: :		×
Title ∵ ⊡ Coding Style	Abbreviation	Chosen	┤╻╢	Severity:	High	▼	
Access Of Static Members Through Objects	AOSMTO -		- Total	800	·····		
Assignment To Formal Parameters	ATFP						
Complex Assignment	CA	V		802			
Don't Use the Negation Operator Frequently	DUNOF	v					
Operator '?:' May Not Be Used	OMNBU	Ø					
Provide Incremental In For-Statement or use w	PIIFS	v					
Replacement For Demand Imports	RFDI	v					
Use Abbreviated Assignment Operator	UAAO	V					
Use 'this' Explicitly To Access Class Members	UTETACM	V					
∃ Critical Errors		V					
Avoid Hiding Inherited Attributes	AHIA	N					
Avoid Hiding Inherited Static Methods	AHISM	V					
Command Query Separation	CQS	v] [
Hiding Of Names	HON	<u> </u>	1				
Inaccessible Constructor Or Method Matches	ICOMM	v					
Multiple Visible Declarations With Same Name	MVDWSN	v		•			
Overriding a Non-Abstract Method With an Ab	ONAMWAM	v					
Overriding a Private Method	ОРМ	V	▼.				
Select ell.;	Saye set As.	Load set.					
AOSMTO - Access Of Static Members T			. thro	ugh objects.—	80	4	
Ster	t Cancel	Help					<u> </u>

FIG. 8A

QA Audit					
≻⊺itle	Abbreviation	Chosen	2 1	Carrate Live	
Complex Assignment	CA	V		Severity: Normal -	_
Don't Use the Negation Operator Frequently	DUNOF	V	501		
Operator '?:' May Not Be Used	OMNBU	N			
Provide Incremental In For-Statement or use		V			
Replacement For Demand Imports	RFDI	Ľ			
Use Abbreviated Assignment Operator	<u> </u>				
Select all Unselect all Set default	s Seve set As	, <u>L</u> oad set			
	The state of				
CA - Complex Assignment Checks for the occurrence of multiple expression. Too complex assignments		ignments to			
Checks for the occurrence of multiple expression. Too complex assignments		ignments to	/ variable		
Checks for the occurrence of multiple	should be avoided sin	ignments to	/ variable		
Checks for the occurrence of multiple expression. Too complex assignments		ignments to	/ variable		
Checks for the occurrence of multiple expression. Too complex assignments Wrong	should be avoided sin	ignments to	/ variable		
Checks for the occurrence of multiple expression. Too complex assignments Wrong // compound assignment	should be avoided sin	ignments to	/ variable		
Checks for the occurrence of multiple expression. Too complex assignments Wrong // compound assignment i *= j++;	should be avoided sin	ignments to	/ variable		
Checks for the occurrence of multiple expression. Too complex assignments Wrong // compound assignment i *= j++; k = j = 10; l = j += 15; // nested assignment	should be avoided sin	ignments to	/ variable		
Checks for the occurrence of multiple expression. Too complex assignments Wrong // compound assignment i *= j++; k = j = 10; l = j += 15;	should be avoided sin	ignments to	/ variable		
Checks for the occurrence of multiple expression. Too complex assignments Wrong // compound assignment i *= j++; k = j = 10; l = j += 15; // nested assignment	should be avoided sin	ignments to	/ variable		
Checks for the occurrence of multiple expression. Too complex assignments Wrong // compound assignment i *= j++; k = j = 10; l = j += 15; // nested assignment i = j++ + 20;	should be avoided sin	ignments to	/ variable		

FIG. 8B

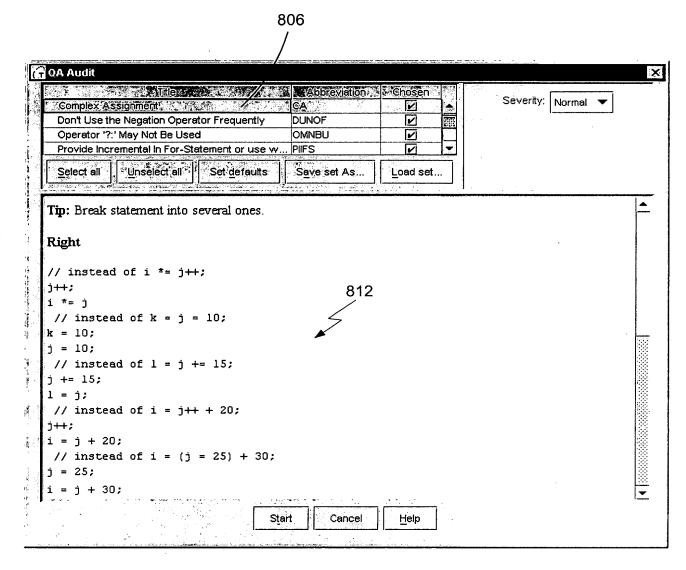
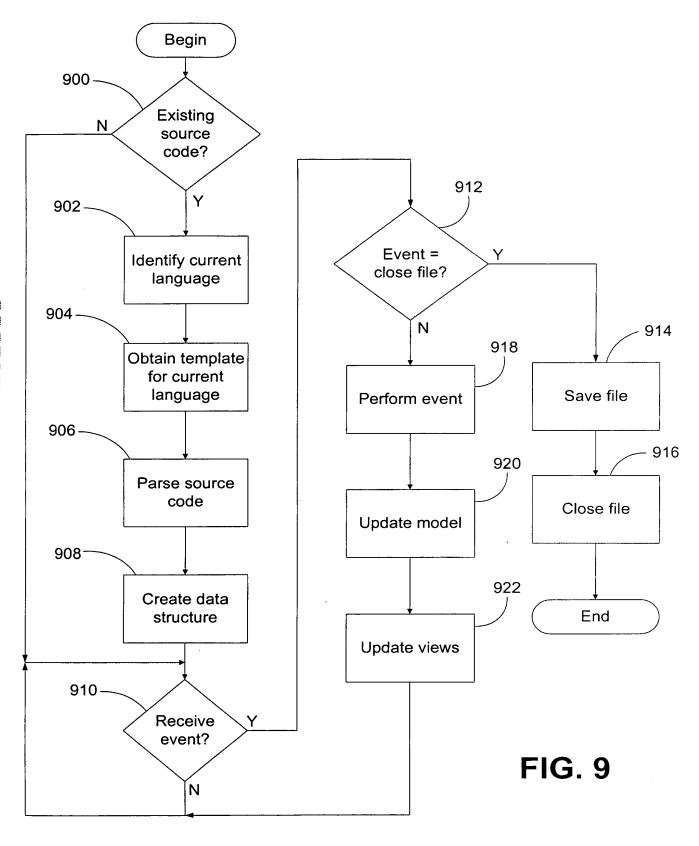
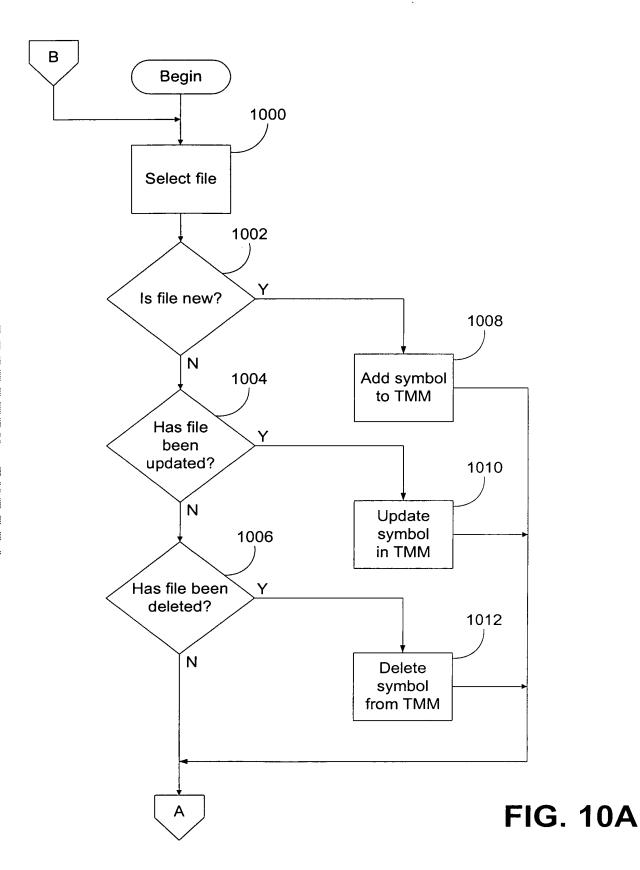
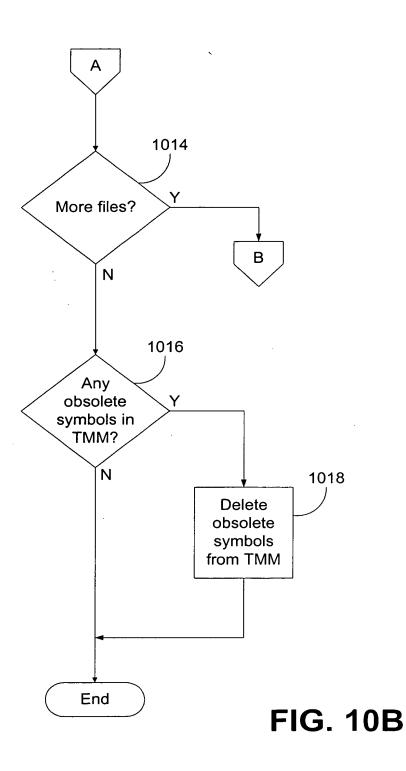


FIG. 8C







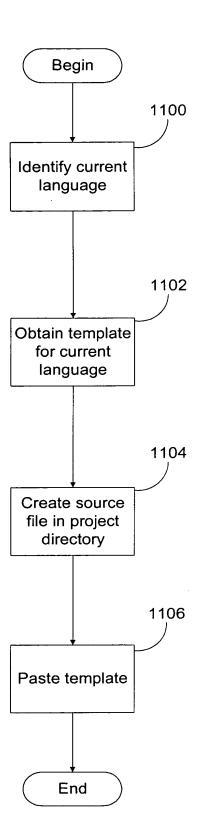


FIG. 11

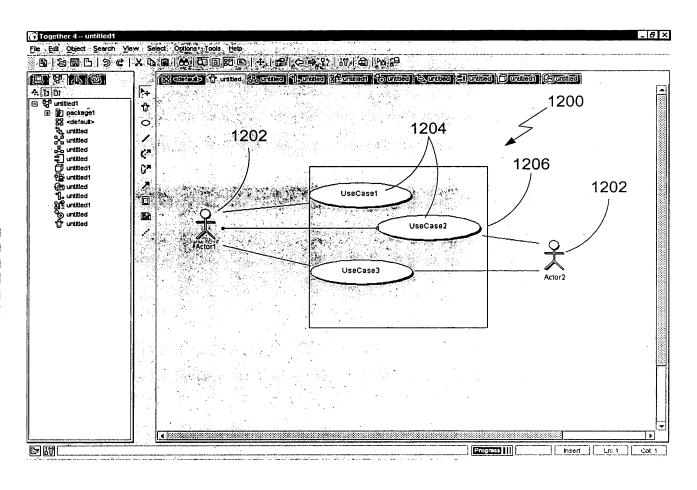


FIG. 12

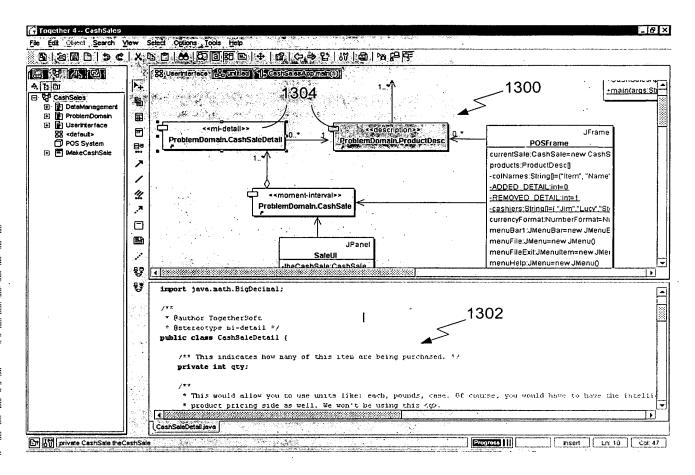


FIG. 13

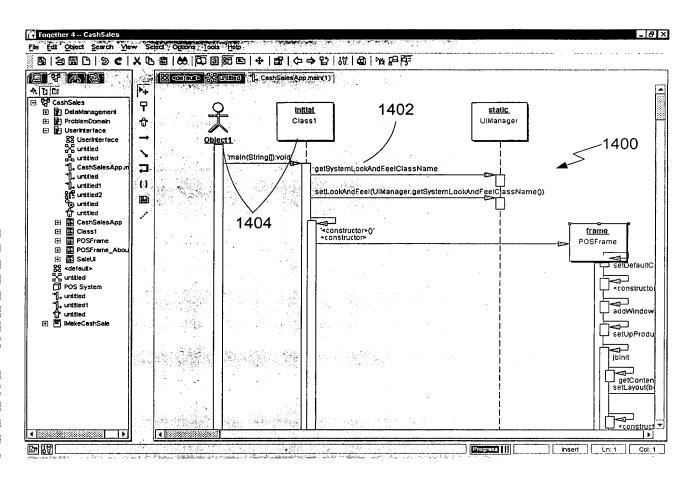


FIG. 14

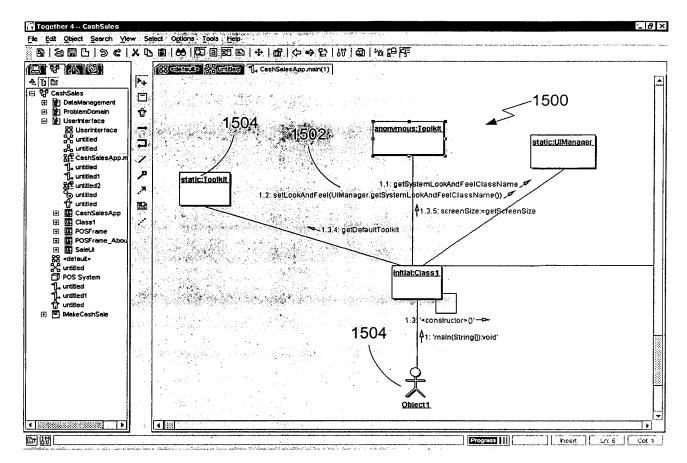


FIG. 15

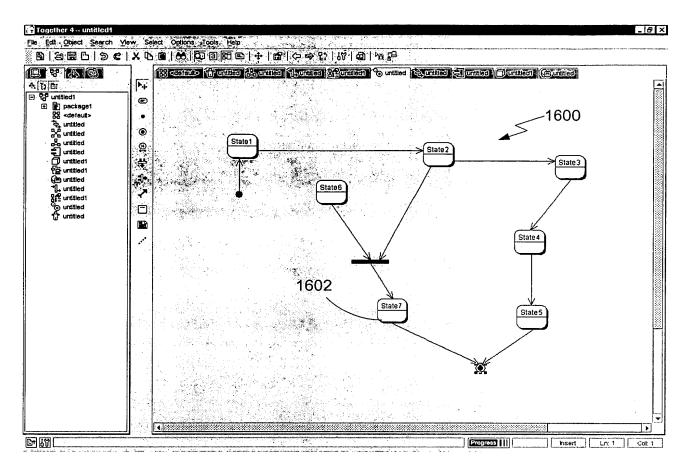


FIG. 16

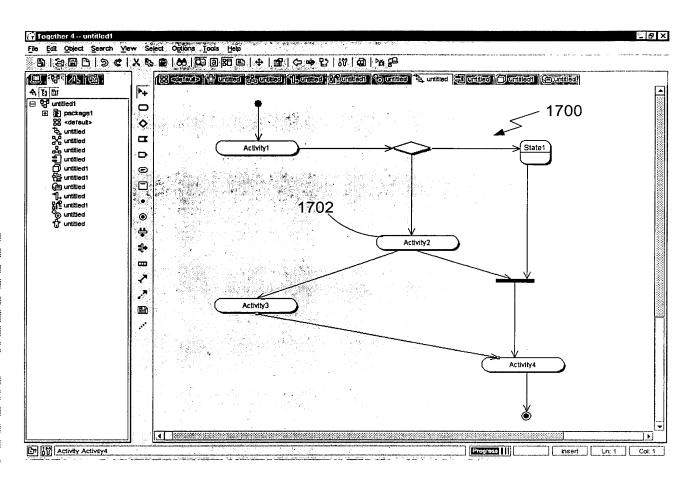


FIG. 17

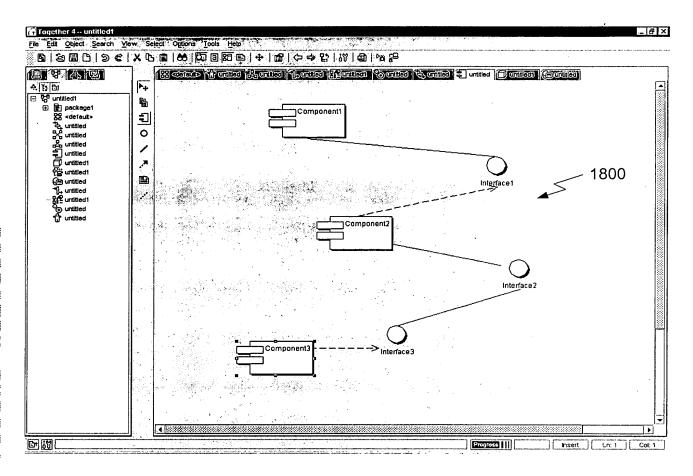


FIG. 18

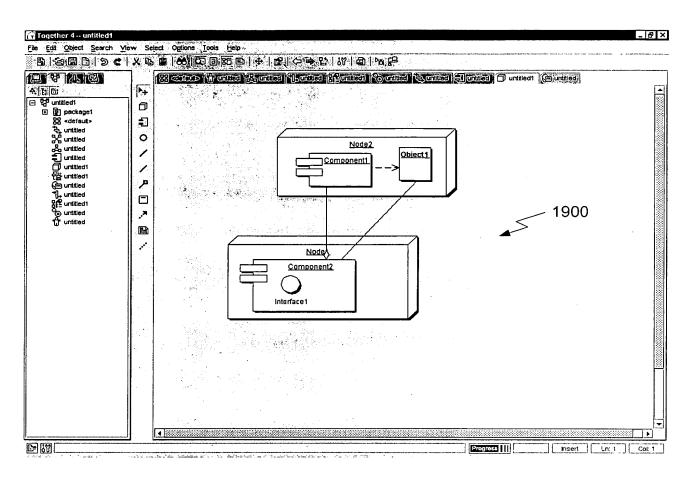
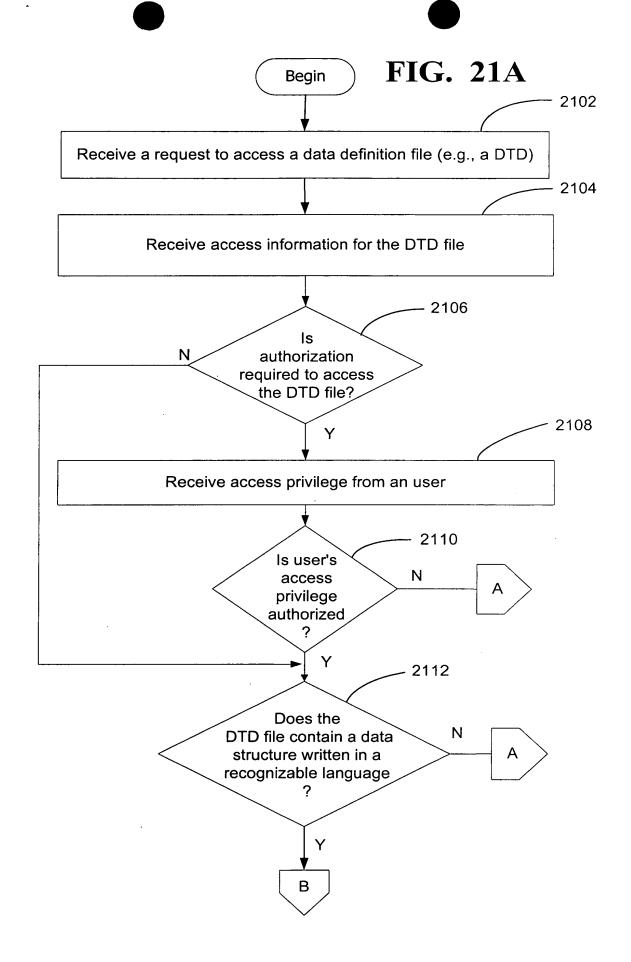
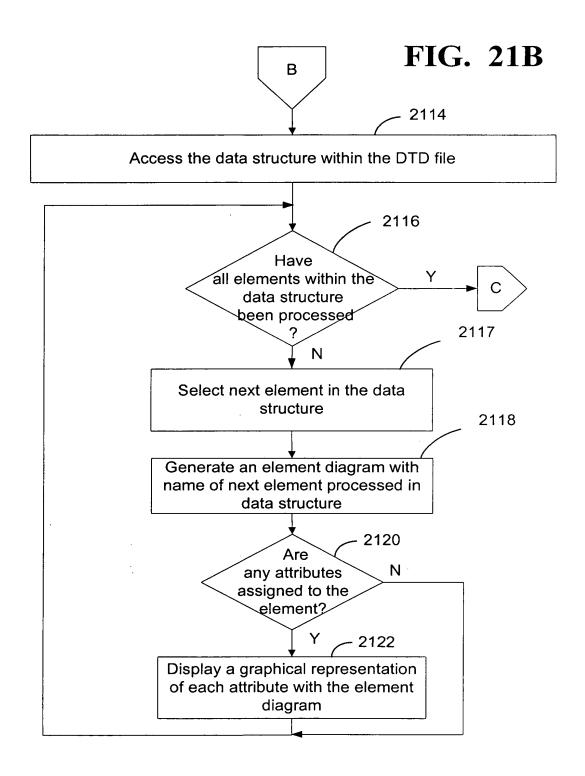
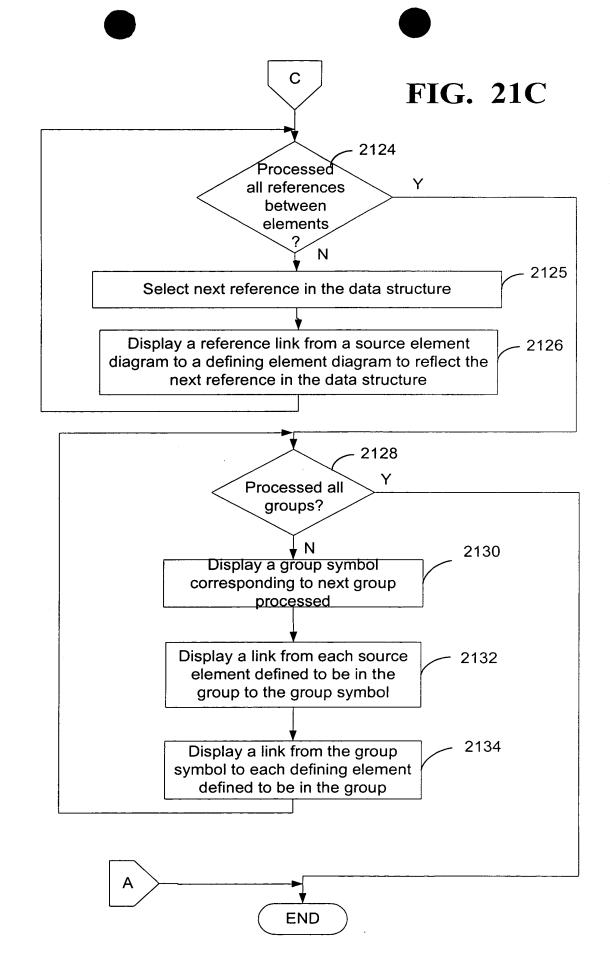


FIG. 19

FIG. 20 -2002 Computer 2000 2003 2001 Secondary Memory Storage Device Software Project Development 612 Tool TMM 610 200 I/O **Processor** Device 2005 `2007 2006 2004 Computer 2008 2010 Memory Secondary Storage Operating Device System 2020 File Data Management Definition File System 2016 2018 I/O Processor Device 2012 2014









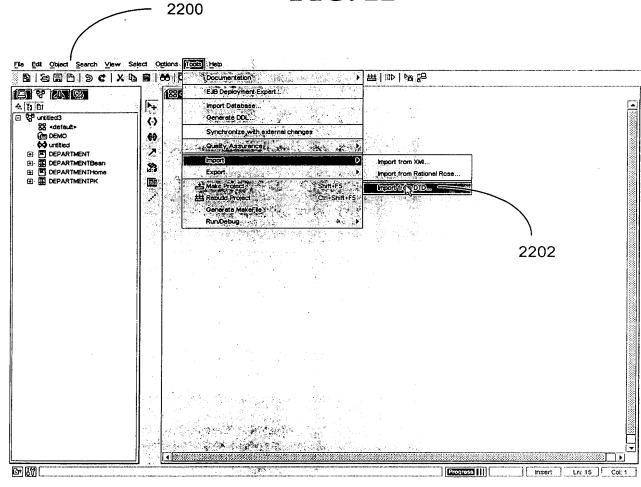
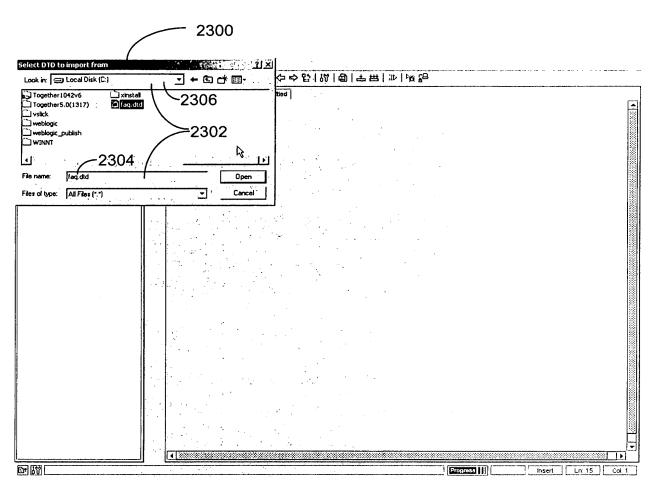
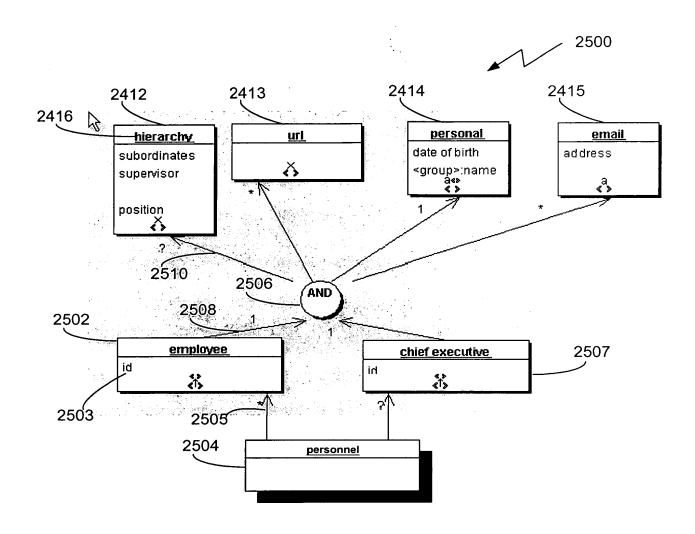


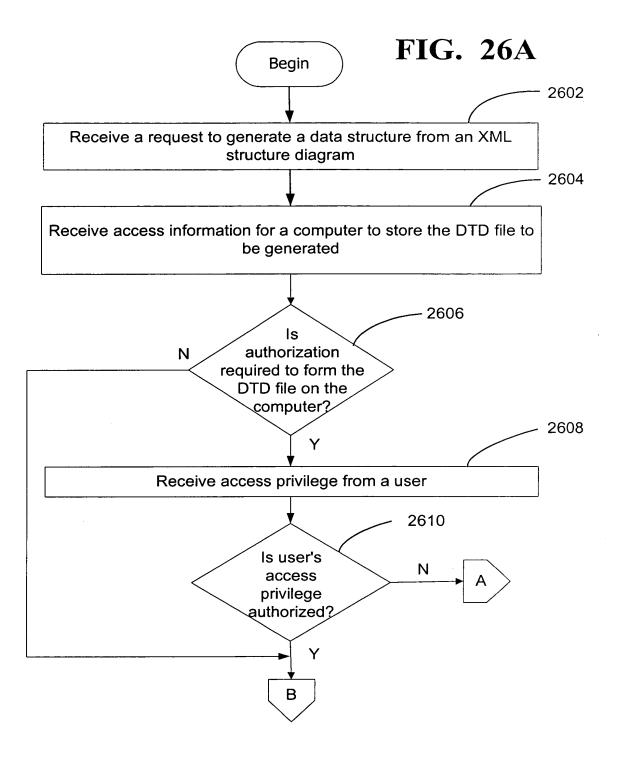
FIG. 23

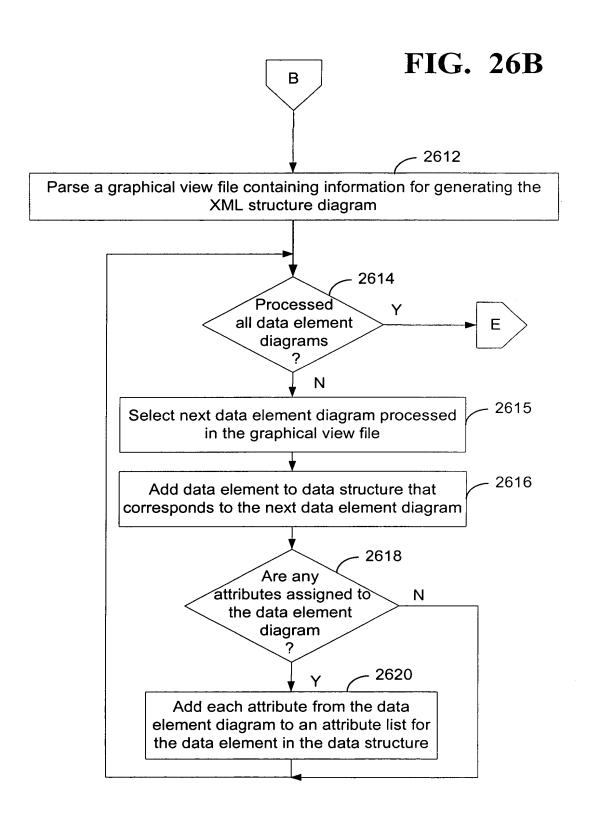


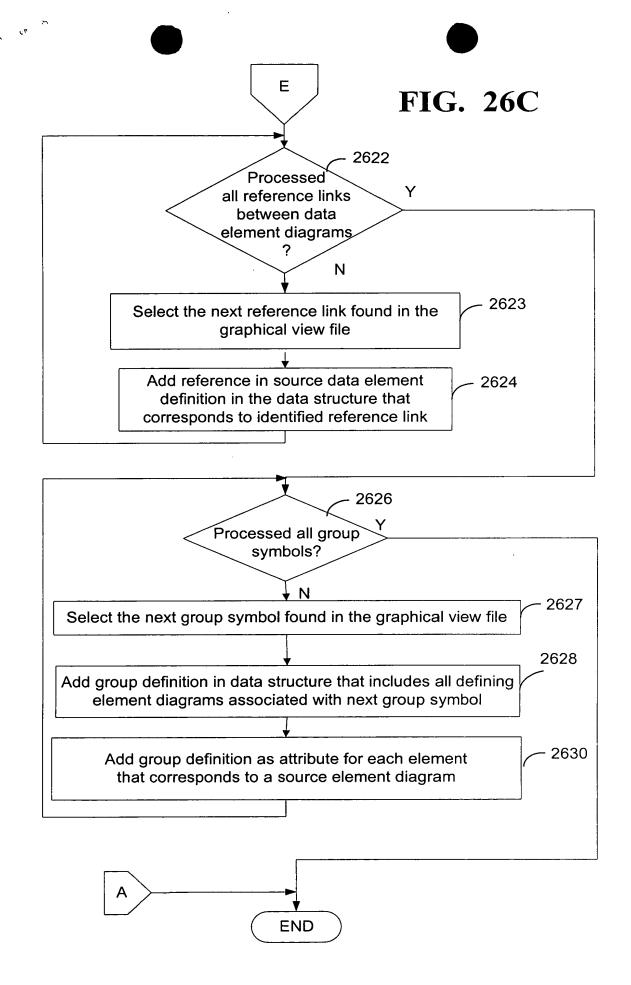
2402 **FIG. 24** <?xml version="1.0" encoding="ASCII"?>-<!-- Generated by Together --> 2403 <!-- Processing instructions --> <!-- Attribute entities --> <!-- Reusable attribute is presented as an entity --> <!ENTITY % comment "comment CDATA #IMPLIED " > <!ENTITY % job_description "job_description CDATA #IMPLIED " > <!-- Attribute group entities --> <!-- Attribute groups are also presented as entity parameters--> <!ENTITY % name "first_name CDATA 'ivan' last_name CDATA #REQUIRED</p> second name CDATA #IMPLIED " > <!-- Model group entities --> <!-- Model groups are presented as entity parameters as well --> <!ENTITY % xmlModelGroup1 "hierarchy?, url*, personal, email* " > . <!-- Elements --> <!-- This is an element whose content is described in the Model Group 1 --> <!ELEMENT employee (%xmlModelGroup1;) > <!-- Here are the sttributes of this element --> <!ATTLIST employee identifier CDATA #REQUIRED >_ <!ELEMENT chief_executive (%xmlModelGroup1;) >-<!ATTLIST chief_executive identifier CDATA #REQUIRED > 2418 <!ELEMENT url EMPTY > <!ATTLIST url %job_description; > <!ELEMENT email (#PCDATA) > <!ATTLIST email address CDATA #IMPLIED %comment; > <!ELEMENT personal (#PCDATA) > <!-- Attribute a-dtype describes non-standard types of the other attributes --> <!ATTLIST personal date of birth CDATA #REQUIRED %name; a-dtype NMTOKENS "date_of_birth date " > <!ELEMENT hierarchy EMPTY > 2416 <!ATTLIST hierarchy subordinates IDREFS #IMPLIED supervisor ID #IMPLIED %comment; position CDATA #REQUIRED > <!ELEMENT personnel (employee* , chief_executive?) >-<!-- General entities --> <!ENTITY Entity1 "111"> <!ENTITY Entity2 PUBLIC "e2" "e2" NDATA Notation1 > <!ENTITY Entity3 PUBLIC "e3" "e3" NDATA Notation2 > <!-- Notations --> <!NOTATION Notation1 PUBLIC "n1" "n1" > <!NOTATION Notation2 PUBLIC "n2" "n2" >

FIG. 25









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FIG. 27

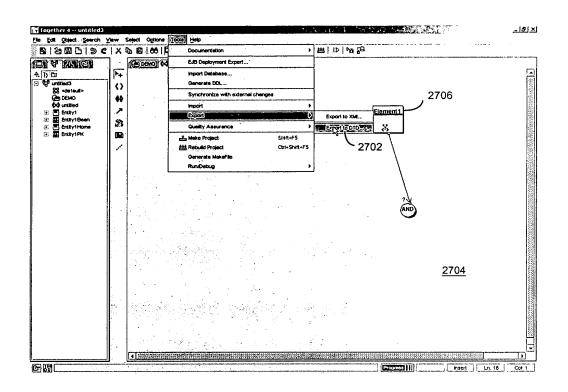


FIG. 28

